

◇Opening a Project Researcher position
Creation of new functional Devices and high-performance Materials to
Support next-generation Industries,
Institute for Materials Research, Tohoku University◇

To promote CDMSI (Creation of new functional Devices and high-performance Materials to Support next-generation Industries) program, the Institute for Materials Research, Tohoku University has been seeking for a highly qualified researcher from the world over. We announce an opening position for a postdoctoral position and encourage to apply.

1 Research and Job specifications

- (1) Development of original application programs for computational materials science: target area includes various fields of computational materials physics and computational materials engineering for functional materials and structural materials.
- (2) Implementation of phase-field simulations of alloy solidification or molecular dynamics simulations of solid/liquid system for the K supercomputer in collaboration with a research group in CDMSI (Prof. M. Ohno at Hokkaido Univ., Prof. Shibuta at Univ. of Tokyo and Prof. Takaki at Kyoto Inst. Tech.) .

2. Opening

Post-doctoral Researcher; 1 person

3. Qualification

Ph.D or equivalent in the area of Physics, Materials Science, Mechanical Engineering with the background of computational science

4. Term of the employment

Jan. 1, 2019* – March 31, 2020.

*Starting date is negotiable.

5. Location

His/her office is located at IMR (Institute for Materials Research), but for the fiscal year of 2019 (April 2019- March 2020), his/her affiliation may be changed from IMR to one of the three places mentioned above.

6. Selection/Nomination

Selection is based on documents listed below and interview*

Interview is via either Videoconferencing system or PC online Skype system.

7. Application documents

- Curriculum Vitae
- Publication list
- Certificate of Ph. D degree
- Summary of research activities (including the experience of computer programming within 2pages/A4)
- future scope of research works (within 2 pages/A4)

8. Allowances and Benefits

In addition to salary, commuting benefit is paid and social insurance is secured.

5 working days (equivalent to 38hours45mins)

9. Address to submit application documents

Personnel section, Institute for Materials Research, Tohoku University
2-1-1 Katahira, Aoba-ku, Sendai, 980-8577 Japan

*on top of the envelope, specify in red

“Application of Postdoctoral fellow, CDMSI”

10. Application deadline

The deadline is October 31, 2018.

11. Contact information for inquiries

Professor Tomohiro Takaki

Faculty of Mechanical Engineering,

Kyoto Institute of Technology

Tel: +81-75-724-7317 email: takaki@kit.ac.jp

12. Others

Note we will not send you back application package. Application documents are/will not be used except for the selection purpose.